



PCT

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/519,890

DATE: 01/13/2005  
TIME: 11:21:49

Input Set : A:\A20-073 PCT Seq List.TXT  
Output Set: N:\CRF4\01132005\J519890.raw

3 <110> APPLICANT: The University of Adelaide  
 5 <120> TITLE OF INVENTION: ALTERED INSULIN-LIKE GROWTH FACTOR BINDING PROTEINS  
 7 <130> FILE REFERENCE: A20-073  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/519,890  
 C--> 9 <141> CURRENT FILING DATE: 2004-12-29  
 9 <150> PRIOR APPLICATION NUMBER: PCT/AU2003/000898  
 10 <151> PRIOR FILING DATE: 2003-07-11  
 12 <160> NUMBER OF SEQ ID NOS: 30  
 14 <210> SEQ ID NO: 1  
 15 <211> LENGTH: 6  
 16 <212> TYPE: PRT  
 17 <213> ORGANISM: Homo sapien  
 19 <220> FEATURE:  
 20 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2  
 22 <400> SEQUENCE: 1  
 23 Pro Lys Lys Leu Arg Pro  
 24 1 5  
 26 <210> SEQ ID NO: 2  
 27 <211> LENGTH: 18  
 28 <212> TYPE: PRT  
 29 <213> ORGANISM: Homo sapien  
 31 <220> FEATURE:  
 32 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2  
 34 <400> SEQUENCE: 2  
 35 Lys His Gly Leu Tyr Asn Leu Lys Gln Cys Lys Met Ser Leu Asn  
 36 1 5 10 15  
 37 Gly Gln Arg  
 39 <210> SEQ ID NO: 3  
 40 <211> LENGTH: 23  
 41 <212> TYPE: PRT  
 42 <213> ORGANISM: Homo sapien  
 44 <220> FEATURE:  
 45 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 3  
 47 <400> SEQUENCE: 3  
 48 Cys Asp Lys Lys Gly Phe Tyr Lys Lys Gln Cys Arg Pro Ser  
 49 1 5 10 15  
 50 Lys Gly Arg Lys Arg Gly Phe Cys  
 51 20  
 52 <210> SEQ ID NO: 4  
 53 <211> LENGTH: 23  
 54 <212> TYPE: PRT  
 55 <213> ORGANISM: Homo sapien  
 57 <220> FEATURE:

*PLF*  
Does Not Comply  
Corrected Diskette Needed

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58 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 5  
60 <400> SEQUENCE: 4  
61 Cys Asp Arg Lys Gly Phe Tyr Lys Arg Lys Gln Cys Lys Pro Ser  
62 1 5 10 15  
64 Arg Gly Arg Lys Arg Gly Ile Cys  
65 20  
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67 <211> LENGTH: 23  
68 <212> TYPE: PRT  
69 <213> ORGANISM: Homo sapien  
71 <220> FEATURE:  
72 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2  
74 <400> SEQUENCE: 5  
75 Cys Asp Lys His Gly Leu Tyr Asn Leu Lys Gln Cys Lys Met Ser  
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77 Leu Asn Gly Gln Arg Gly Glu Cys  
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80 <211> LENGTH: 23  
81 <212> TYPE: PRT  
82 <213> ORGANISM: Homo sapien  
84 <220> FEATURE:  
85 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 1  
87 <400> SEQUENCE: 6  
88 Cys Asn Lys Asn Gly Phe Tyr His Ser Arg Gln Cys Glu Thr Ser  
89 1 5 10 15  
90 Met Asp Gly Glu Ala Gly Leu Cys  
91 20  
92 <210> SEQ ID NO: 7  
93 <211> LENGTH: 23  
94 <212> TYPE: PRT  
95 <213> ORGANISM: Homo sapien  
97 <220> FEATURE:  
98 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 4  
100 <400> SEQUENCE: 7  
101 Cys Asp Arg Asn Gly Asn Phe His Pro Lys Gln Cys His Pro Ala  
102 1 5 10 15  
103 Leu Asp Gly Gln Arg Gly Lys Cys  
104 20  
105 <210> SEQ ID NO: 8  
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107 <212> TYPE: PRT  
108 <213> ORGANISM: Homo sapien  
110 <220> FEATURE:  
111 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 6  
113 <400> SEQUENCE: 8  
114 Cys Asp His Arg Gly Phe Tyr Arg Lys Arg Gln Cys Arg Ser Ser  
115 1 5 10 15  
116 Gln Gly Gln Arg Arg Gly Pro Cys

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121 <213> ORGANISM: Homo sapien  
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128 1 5  
130 <210> SEQ ID NO: 10  
131 <211> LENGTH: 6  
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133 <213> ORGANISM: Homo sapien  
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136 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2  
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139 Pro Ala Lys Leu Arg Pro  
140 1 5  
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143 <211> LENGTH: 6  
144 <212> TYPE: PRT  
145 <213> ORGANISM: Homo sapien  
147 <220> FEATURE:  
148 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2  
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154 <210> SEQ ID NO: 12  
155 <211> LENGTH: 6  
156 <212> TYPE: PRT  
157 <213> ORGANISM: Homo sapien  
159 <220> FEATURE:  
160 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2  
162 <400> SEQUENCE: 12  
163 Pro Lys Lys Leu Ala Pro  
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167 <211> LENGTH: 6  
168 <212> TYPE: PRT  
169 <213> ORGANISM: Homo sapien  
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172 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2  
174 <400> SEQUENCE: 13  
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176 1 5  
178 <210> SEQ ID NO: 14  
179 <211> LENGTH: 18  
180 <212> TYPE: PRT

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181 <213> ORGANISM: Homo sapien  
183 <220> FEATURE:  
184 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2  
186 <400> SEQUENCE: 14  
187 Lys His Gly Leu Tyr Asn Leu Lys Gln Cys Lys Met Ser Leu Asn  
188 1 5 10 15  
189 Gly Gln Arg  
191 <210> SEQ ID NO: 15  
192 <211> LENGTH: 18  
193 <212> TYPE: PRT  
195 <220> FEATURE:  
196 <213> ORGANISM: Homo sapien  
197 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2  
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201 1 5 10 15  
202 Gly Gln Arg  
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205 <211> LENGTH: 18  
206 <212> TYPE: PRT  
207 <213> ORGANISM: Homo sapien  
209 <220> FEATURE:  
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212 <400> SEQUENCE: 16  
213 Lys His Gly Leu Tyr Asn Leu Ala Gln Cys Lys Met Ser Leu Asn  
214 1 5 10 15  
215 Gly Gln Arg  
217 <210> SEQ ID NO: 17  
218 <211> LENGTH: 18  
219 <212> TYPE: PRT  
220 <213> ORGANISM: Homo sapien  
222 <220> FEATURE:  
223 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2  
225 <400> SEQUENCE: 17  
226 Lys His Gly Leu Tyr Asn Leu Lys Gln Cys Ala Met Ser Leu Asn  
227 1 5 10 15  
228 Gly Gln Arg  
230 <210> SEQ ID NO: 18  
231 <211> LENGTH: 18  
232 <212> TYPE: PRT  
233 <213> ORGANISM: Homo sapien  
235 <220> FEATURE:  
236 <223> OTHER INFORMATION: Insulin-like Growth Factor Binding Protein 2  
238 <400> SEQUENCE: 18  
239 Ala His Gly Leu Tyr Asn Leu Ala Gln Cys Ala Met Ser Leu Asn  
240 1 5 10 15  
241 Gly Gln Arg  
243 <210> SEQ ID NO: 19  
244 <211> LENGTH: 39

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Input Set : A:\A20-073 PCT Seq List.TXT  
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245 <212> TYPE: DNA  
246 <213> ORGANISM: Artificial Sequence  
248 <220> FEATURE:  
249 <223> OTHER INFORMATION: PCR Primer for K180A K181AHis (forward)  
251 <400> SEQUENCE: 19  
252 cttggcctgg aggagcctgc cgccctgcga ccacccct 39  
254 <210> SEQ ID NO: 20  
255 <211> LENGTH: 39  
256 <212> TYPE: DNA  
257 <213> ORGANISM: Artificial Sequence  
259 <220> FEATURE:  
260 <223> OTHER INFORMATION: PCR Primer for K180A K181AHis (reverse)  
262 <400> SEQUENCE: 20  
263 aggggggtggt cgcagggcgg caggctcctc caggccaag 39  
265 <210> SEQ ID NO: 21  
266 <211> LENGTH: 33  
267 <212> TYPE: DNA  
268 <213> ORGANISM: Artificial Sequence  
270 <220> FEATURE:  
271 <223> OTHER INFORMATION: PCR Primer for K227AHis (forward)  
273 <400> SEQUENCE: 21  
274 atcccccaact gtgacgccc tggcctgtac acc 33  
276 <210> SEQ ID NO: 22  
277 <211> LENGTH: 33  
278 <212> TYPE: DNA  
279 <213> ORGANISM: Artificial Sequence  
281 <220> FEATURE:  
282 <223> OTHER INFORMATION: PCR Primer for K227AHis (reverse)  
284 <400> SEQUENCE: 22  
285 ggtgtacagg ccatgggcgt cacagttggg gat 33  
287 <210> SEQ ID NO: 23  
288 <211> LENGTH: 33  
289 <212> TYPE: DNA  
290 <213> ORGANISM: Artificial Sequence  
292 <220> FEATURE:  
293 <223> OTHER INFORMATION: PCR Primer for K234AHis (forward)  
295 <400> SEQUENCE: 23  
296 ggcctgtaca acctcgccc gtgcaagatg tct 33  
298 <210> SEQ ID NO: 24  
299 <211> LENGTH: 33  
300 <212> TYPE: DNA  
301 <213> ORGANISM: Artificial Sequence  
303 <220> FEATURE:  
304 <223> OTHER INFORMATION: PCR Primer for K234AHis (reverse)  
306 <400> SEQUENCE: 24  
307 agacatcttg cactgggcga ggttgtacag gcc 33  
309 <210> SEQ ID NO: 25  
310 <211> LENGTH: 30  
311 <212> TYPE: DNA

VERIFICATION SUMMARY

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Input Set : A:\A20-073 PCT Seq List.TXT  
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L:9 M:270 C: Current Application Number differs, Replaced Current Application No  
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date